

# Min Ji

## List of Publications by Year in descending order

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159  
papers

3,931  
citations

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times ranked

3871  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel-machine scheduling with identical machine resource capacity limits and DeJong's learning effect. <i>International Journal of Production Research</i> , 2022, 60, 2753-2765.	7.5	2
2	Parallel-machine scheduling in shared manufacturing. <i>Journal of Industrial and Management Optimization</i> , 2022, 18, 681.	1.3	7
3	Production scheduling with autonomous and induced learning. <i>International Journal of Production Research</i> , 2021, 59, 2817-2837.	7.5	5
4	A note on scheduling on two identical machines with early work maximization. <i>Computers and Industrial Engineering</i> , 2021, 153, 107091.	6.3	5
5	Increased power production and removal efficiency of polycyclic aromatic hydrocarbons by plant pumps in sediment microbial electrochemical systems: A preliminary study. <i>Journal of Hazardous Materials</i> , 2019, 380, 120896.	12.4	18
6	Effects of Two-Stage Operation on Stability and Efficiency in Co-Digestion of Food Waste and Waste Activated Sludge. <i>Energies</i> , 2019, 12, 2748.	3.1	17
7	Insights into biofilm carriers for biological wastewater treatment processes: Current state-of-the-art, challenges, and opportunities. <i>Bioresource Technology</i> , 2019, 288, 121619.	9.6	146
8	Optimal online algorithms for MapReduce scheduling on two uniform machines. <i>Optimization Letters</i> , 2019, 13, 1663-1676.	1.6	5
9	A dicyclic-type electrode-based biofilm reactor for simultaneous nitrate and Cr(VI) reduction. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 167-172.	3.4	6
10	Impact of hydraulic retention time and current on the microbial community and denitrification genes in a continuous-flow biofilm electrode reactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 933-941.	3.2	10
11	Multitasking parallel-machine scheduling with machine-dependent slack due-window assignment. <i>International Journal of Production Research</i> , 2019, 57, 1667-1684.	7.5	27
12	Full-scale dissolved air flotation (DAF) equipment for emergency treatment of eutrophic water. <i>Water Science and Technology</i> , 2018, 77, 1802-1809.	2.5	9
13	Assessment of the spatial-temporal variations on the water quality of stagnant Haihe River, Tianjin, North China. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 1103-1116.	2.1	0
14	Single-machine group scheduling with new models of position-dependent processing times. <i>Computers and Industrial Engineering</i> , 2018, 117, 1-5.	6.3	25
15	Logistics scheduling to minimize the sum of total weighted inventory cost and transport cost. <i>Computers and Industrial Engineering</i> , 2018, 120, 206-215.	6.3	16
16	Sustainable Rainwater Utilization and Water Circulation Model for Green Campus Design at Tianjin University. <i>Journal of Sustainable Water in the Built Environment</i> , 2018, 4, .	1.6	8
17	CCA-secure ABE with outsourced decryption for fog computing. <i>Future Generation Computer Systems</i> , 2018, 78, 730-738.	7.5	122
18	Effects of salinity and COD/N on denitrification and bacterial community in dicyclic-type electrode based biofilm reactor. <i>Chemosphere</i> , 2018, 192, 328-336.	8.2	56

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19	Adsorption of Nitrate onto ZnCl <sub>2</sub> -Modified Coconut Granular Activated Carbon: Kinetics, Characteristics, and Adsorption Dynamics. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-12.	1.8	15
20	Green recovery of hazardous acetonitrile from high-salt chemical wastewater by pervaporation. <i>Journal of Cleaner Production</i> , 2018, 197, 742-749.	9.3	40
21	Anodic potentials, electricity generation and bacterial community as affected by plant roots in sediment microbial fuel cell: Effects of anode locations. <i>Chemosphere</i> , 2018, 209, 739-747.	8.2	45
22	Long-term performance of sediment microbial fuel cells with multiple anodes. <i>Bioresource Technology</i> , 2017, 237, 178-185.	9.6	39
23	Simultaneous removal of nitrate and chromate in groundwater by a spiral fiber based biofilm reactor. <i>Bioresource Technology</i> , 2017, 232, 278-284.	9.6	28
24	Effect of salinity on nitrogen and phosphorus removal pathways in a hydroponic micro-ecosystem planted with <i>Lythrum salicaria</i> L.. <i>Ecological Engineering</i> , 2017, 105, 205-210.	3.6	13
25	Damage of EPS and cell structures and improvement of high-solid anaerobic digestion of sewage sludge by combined (Ca(OH) <sub>2</sub> + multiple-transducer ultrasonic) pretreatment. <i>RSC Advances</i> , 2017, 7, 22706-22714.	3.6	23
26	A note on the time complexity of machine scheduling with DeJong's learning effect. <i>Computers and Industrial Engineering</i> , 2017, 112, 447-449.	6.3	7
27	Total completion time minimization scheduling on two hierarchical uniform machines. <i>Theoretical Computer Science</i> , 2017, 702, 65-76.	0.9	1
28	Sequencing Games with Slack Due Windows and Group Technology Considerations. <i>Journal of the Operational Research Society</i> , 2017, 68, 121-133.	3.4	1
29	Treatment of Rural Wastewater Using a Spiral Fiber Based Salinity-Persistent Sequencing Batch Biofilm Reactor. <i>Water (Switzerland)</i> , 2017, 9, 970.	2.7	11
30	Spatial and Temporal Variations in Environmental Variables in Relation to Phytoplankton Community Structure in a Eutrophic River-Type Reservoir. <i>Water (Switzerland)</i> , 2017, 9, 754.	2.7	10
31	Pretreatment of ultra-high concentration pharmaceutical wastewater by a combined Fenton And Electrolytic oxidation technologies: COD reduction, biodegradability improvement, and biotoxicity removal. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 772-778.	2.3	3
32	Chosen Ciphertext Secure Attribute-Based Encryption with Outsourced Decryption. <i>Lecture Notes in Computer Science</i> , 2016, , 495-508.	1.3	4
33	Organic content influences sediment microbial fuel cell performance and community structure. <i>Bioresource Technology</i> , 2016, 220, 549-556.	9.6	67
34	Dynamics of the diversity and structure of the overall and nitrifying microbial community in activated sludge along gradient copper exposures. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6881-6892.	3.6	21
35	Responses of activities and communities of nitrifying bacteria to chromium (VI) in activated sludge. <i>Desalination and Water Treatment</i> , 2016, 57, 11111-11120.	1.0	6
36	Group scheduling with group-dependent multiple due windows assignment. <i>International Journal of Production Research</i> , 2016, 54, 1244-1256.	7.5	17

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37	Recovery of nitrification in cadmium-inhibited activated sludge system by bio-accelerators. <i>Bioresource Technology</i> , 2016, 200, 812-819.	9.6	27
38	Machine scheduling with deteriorating jobs and DeJong's learning effect. <i>Computers and Industrial Engineering</i> , 2016, 91, 42-47.	6.3	40
39	Evaluating the removal of organic fraction of commingled chemical industrial wastewater by activated sludge process augmented with powdered activated carbon. <i>Arabian Journal of Chemistry</i> , 2016, 9, S1951-S1961.	4.9	27
40	Adsorption behavior and mechanism of Cr(VI) using Sakura waste from aqueous solution. <i>Applied Surface Science</i> , 2016, 360, 470-476.	6.1	90
41	Physiological and transcriptional responses of nitrifying bacteria exposed to copper in activated sludge. <i>Journal of Hazardous Materials</i> , 2016, 301, 172-178.	12.4	43
42	CFD modeling and analysis of brine spray evaporation system. <i>Desalination and Water Treatment</i> , 2016, 57, 12977-12987.	1.0	0
43	Comparison study on Cr(VI) removal by anion exchange resins of Amberlite IRA96, D301R, and DEX-Cr: isotherm, kinetics, thermodynamics, and regeneration studies. <i>Desalination and Water Treatment</i> , 2015, 55, 1840-1850.	1.0	4
44	Highly Efficient Adsorption of Cr(VI) by Sakura Leaves from Aqueous Solution. <i>Chemistry Letters</i> , 2015, 44, 697-699.	1.3	8
45	Case study of Marquette-Lez-Lille WWTP: application of IFAS and THP for a city of the future. <i>Water Practice and Technology</i> , 2015, 10, 259-268.	2.0	1
46	Efficient multiple sources network coding signature in the standard model. <i>Concurrency Computation Practice and Experience</i> , 2015, 27, 2616-2636.	2.2	7
47	Brackish Eutrophic Water Treatment by <i>Iris pseudacorus</i> -Planted Microcosms: Physiological Responses of <i>Iris pseudacorus</i> to Salinity. <i>International Journal of Phytoremediation</i> , 2015, 17, 814-821.	3.1	4
48	Membrane configuration influences microbial capacitive desalination performance. <i>Environmental Science: Water Research and Technology</i> , 2015, 1, 348-354.	2.4	10
49	Long-term effect of Cr(VI) on ammonia-oxidizing and nitrite-oxidizing bacteria in an activated sludge system. <i>Desalination and Water Treatment</i> , 2015, 54, 1981-1989.	1.0	7
50	Single-machine slack due-window assignment and scheduling with past-sequence-dependent delivery times and controllable job processing times. <i>European Journal of Industrial Engineering</i> , 2015, 9, 794.	0.8	10
51	Optimization and effect of powdered activated carbon addition on commingled chemical industrial wastewater treatment in a sequencing batch reactor. <i>Desalination and Water Treatment</i> , 2015, 56, 24-32.	1.0	1
52	Machine scheduling with DeJong's learning effect. <i>Computers and Industrial Engineering</i> , 2015, 80, 195-200.	6.3	29
53	A mechanistic approach and response surface optimization of the removal of oil and grease from restaurant wastewater by electrocoagulation and electroflotation. <i>Desalination and Water Treatment</i> , 2015, 55, 2044-2052.	1.0	19
54	Inefficiency of the Nash equilibrium for selfish machine covering on two hierarchical uniform machines. <i>Information Processing Letters</i> , 2015, 115, 838-844.	0.6	1

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55	Influence of powdered activated carbon addition on water quality, sludge properties, and microbial characteristics in the biological treatment of commingled industrial wastewater. <i>Journal of Hazardous Materials</i> , 2015, 295, 1-8.	12.4	32
56	On intensive process of quantity and quality improvement of wastewater treatment plant under rainfall conditions. <i>Desalination and Water Treatment</i> , 2015, 53, 330-339.	1.0	6
57	Single-machine batch scheduling of linear deteriorating jobs. <i>Theoretical Computer Science</i> , 2015, 580, 36-49.	0.9	7
58	Behavior of Cr(VI) removal from wastewater by adsorption onto HCl activated Akadama clay. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 50, 190-197.	5.3	29
59	Effective adsorption of Cr(VI) on mesoporous Fe-functionalized Akadama clay: Optimization, selectivity, and mechanism. <i>Applied Surface Science</i> , 2015, 344, 128-136.	6.1	58
60	Nitrification recovery behavior by bio-accelerators in copper-inhibited activated sludge system. <i>Bioresource Technology</i> , 2015, 192, 748-755.	9.6	19
61	Dynamic fouling behavior and cake layer structure changes in nonwoven membrane bioreactor for bath wastewater treatment. <i>Chemical Engineering Journal</i> , 2015, 264, 462-469.	12.7	49
62	Single-machine common flow allowance scheduling with aging effect, resource allocation, and a rate-modifying activity. <i>International Transactions in Operational Research</i> , 2015, 22, 997-1015.	2.7	16
63	Single-server parallel-machine scheduling with loading and unloading times. <i>Journal of Combinatorial Optimization</i> , 2015, 30, 201-213.	1.3	13
64	Single-machine scheduling with a variable maintenance activity. <i>Computers and Industrial Engineering</i> , 2015, 79, 168-174.	6.3	58
65	Scheduling a variable maintenance and linear deteriorating jobs on a single machine. <i>Information Processing Letters</i> , 2015, 115, 33-39.	0.6	27
66	Cr (VI) removal by a new type of anion exchange resin DEX-Cr: Adsorption affecting factors, isotherms, kinetics, and desorption regeneration. <i>Environmental Progress and Sustainable Energy</i> , 2015, 34, 387-393.	2.3	18
67	Degradation of organic pollutants and characteristics of activated sludge in an anaerobic/anoxic/oxic reactor treating chemical industrial wastewater. <i>Brazilian Journal of Chemical Engineering</i> , 2014, 31, 703-713.	1.3	14
68	SCHEDULING WITH POSITION-BASED DETERIORATING JOBS AND MULTIPLE DETERIORATING RATE-MODIFYING ACTIVITIES. <i>Asia-Pacific Journal of Operational Research</i> , 2014, 31, 1450009.	1.3	8
69	SCHEDULING POSITION-BASED DETERIORATING JOBS WITH MULTIPLE RATE-MODIFYING ACTIVITIES AND PAST-SEQUENCE-DEPENDENT DELIVERY TIMES. <i>Asia-Pacific Journal of Operational Research</i> , 2014, 31, 1450018.	1.3	2
70	A multi-objective scatter search for the ladle scheduling problem. <i>International Journal of Production Research</i> , 2014, 52, 7513-7528.	7.5	9
71	An analytical model for optimal spectrum leasing under constraints of quality of service in CRNs. <i>Computer Networks</i> , 2014, 74, 71-80.	5.1	4
72	Two-agent single-machine scheduling to minimize the weighted sum of the agents' objective functions. <i>Computers and Industrial Engineering</i> , 2014, 78, 66-73.	6.3	15

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73	Effects of salinity on removal of nitrogen and phosphorus from eutrophic saline water in planted <i>Lythrum salicaria</i> L. microcosm systems. <i>Desalination and Water Treatment</i> , 2014, 52, 6655-6663.	1.0	10
74	Application of Box-Behnken design in optimization of allelopathic effects of <i>Potamogeton pectinatus</i> against <i>Microcystis aeruginosa</i> . <i>Transactions of Tianjin University</i> , 2014, 20, 344-349.	6.4	2
75	Group scheduling and job-dependent due window assignment based on a common flow allowance. <i>Computers and Industrial Engineering</i> , 2014, 68, 35-41.	6.3	36
76	Formation of Brominated Disinfection Byproducts during Chloramination of Drinking Water: New Polar Species and Overall Kinetics. <i>Environmental Science &amp; Technology</i> , 2014, 48, 2579-2588.	10.0	218
77	Optimal algorithms for semi-online machine covering on two hierarchical machines. <i>Theoretical Computer Science</i> , 2014, 531, 37-46.	0.9	11
78	Single-machine scheduling with deteriorating jobs and aging effects under an optional maintenance activity consideration. <i>Journal of Combinatorial Optimization</i> , 2013, 26, 437-447.	1.3	22
79	A note on scheduling a maintenance activity and due-window assignment based on common flow allowance. <i>International Journal of Production Economics</i> , 2013, 145, 645-646.	8.9	10
80	Unrelated parallel-machine scheduling problems with aging effects and deteriorating maintenance activities. <i>Information Sciences</i> , 2013, 253, 163-169.	6.9	40
81	Hydrogen and methane production by co-digestion of waste activated sludge and food waste in the two-stage fermentation process: Substrate conversion and energy yield. <i>Bioresource Technology</i> , 2013, 146, 317-323.	9.6	139
82	Analysis of microbial metabolic characteristics in mesophilic and thermophilic biofilters using Biolog plate technique. <i>Chemical Engineering Journal</i> , 2013, 230, 415-421.	12.7	58
83	Single-machine due-window assignment and scheduling with resource allocation, aging effect, and a deteriorating rate-modifying activity. <i>Computers and Industrial Engineering</i> , 2013, 66, 952-961.	6.3	38
84	Preemptive scheduling on two parallel machines with a single server. <i>Computers and Industrial Engineering</i> , 2013, 66, 514-518.	6.3	18
85	Treatment of mixed chemical wastewater and the agglomeration mechanism via an internal electrolysis filter. <i>Chemical Engineering Journal</i> , 2013, 215-216, 50-56.	12.7	23
86	Minimizing resource consumption on uniform parallel machines with a bound on makespan. <i>Computers and Operations Research</i> , 2013, 40, 2970-2974.	4.0	32
87	Influence factors and prediction of stormwater runoff of urban green space in Tianjin, China: laboratory experiment and quantitative theory model. <i>Water Science and Technology</i> , 2013, 67, 869-876.	2.5	15
88	Research on Drying Sludge in Brick Making. <i>Advanced Materials Research</i> , 2013, 777, 19-25.	0.3	2
89	A Design of Experiments (DOE) Approach to Parameters Optimization of Sludge Treatment System in an Enzyme Preparations Factory. <i>Advanced Materials Research</i> , 2013, 648, 259-264.	0.3	0
90	Optimal Spectrum Leasing with the Constraints of User Admission Rate and Quality of Service. , 2013, , .		1

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91	Feasibility of Anaerobic Co-Digestion of Waste Activated Sludge and Corn Straw to Produce Methane-Batch Experiment. <i>Asian Journal of Chemistry</i> , 2013, 25, 8793-8796.	0.3	4
92	Multiple Sources Network Coding Signature in the Standard Model. <i>Lecture Notes in Computer Science</i> , 2013, , 195-208.	1.3	1
93	The Nitrogen and Phosphorus Removal and Sludge Yield Comparative Study under Anaerobic/Aerobic and Anaerobic/Anoxic Conditions. <i>Advanced Materials Research</i> , 2012, 610-613, 2068-2073.	0.3	0
94	Performance and Microbial Characteristics of a Hybrid Biological Reactor Treating Industrial Wastewater. <i>Advanced Materials Research</i> , 2012, 485, 438-441.	0.3	0
95	Determining the Soil Water Characteristic Curve in Term of Van Genuchten Parameters by the Particle Swarm Optimization. <i>Applied Mechanics and Materials</i> , 2012, 160, 130-134.	0.2	1
96	Metabolic Characteristic Analysis of an Oil Field Wastewater Degrading Strain <i>Chelatococcus</i> G5. <i>Applied Mechanics and Materials</i> , 2012, 260-261, 684-689.	0.2	0
97	Influence of Plasma Regimes and Catalysts on Ethanethiol Oxidation. <i>Plasma Chemistry and Plasma Processing</i> , 2012, 32, 1025-1038.	2.4	5
98	Isolation and Characteristics of Degradation Strains of Oil Field Wastewater. , 2012, , .		0
99	Organic and nitrogen removal from landfill leachate in aerobic granular sludge sequencing batch reactors. <i>Waste Management</i> , 2012, 32, 448-455.	7.4	94
100	Effect of Physical Parameters on Thermal Performance of Glazed Transpired Collector with Slit-Like Perforation. , 2012, , .		0
101	Optimal semi-online scheduling algorithms on two parallel identical machines under a grade of service provision. <i>International Journal of Production Economics</i> , 2012, 135, 367-371.	8.9	33
102	Microbial and hydrodynamic properties of aerobic granules in a sequencing batch reactor treating landfill leachate. <i>Journal of Zhejiang University: Science A</i> , 2012, 13, 219-229.	2.4	3
103	Municipal Wastewater Treatment in a New Type Bio-Carrier Reactor. <i>Procedia Environmental Sciences</i> , 2011, 10, 962-967.	1.4	5
104	Parallel-machine scheduling with an availability constraint. <i>Computers and Industrial Engineering</i> , 2011, 61, 778-781.	6.3	21
105	Achieving biodegradability enhancement and acute biotoxicity removal through the treatment of pharmaceutical wastewater using a combined internal electrolysis and ultrasonic irradiation technology. <i>Frontiers of Environmental Science and Engineering in China</i> , 2011, 5, 481-487.	0.8	16
106	Microbial population dynamics during sludge granulation in an anaerobic-aerobic biological phosphorus removal system. <i>Bioresource Technology</i> , 2011, 102, 2474-2480.	9.6	95
107	Estimating Parameters of Van Genuchten Equation Based on Intelligent Algorithms and RETC Software. , 2011, , .		0
108	Biowin3 model for carbon source and hydraulic retention time on removal performance of nitrogen and phosphorous. , 2011, , .		0

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109	Nitrogen and phosphorus esothermal adsorption characteristics of four filter materials and pollutants removal performance of filled columns. , 2011, , .		0
110	On Regulation of Urban Runoff Pollution Abatement. Advances in Intelligent and Soft Computing, 2011, , 645-650.	0.2	0
111	Optimization of Urban Rainwater Drainage System with Help of Remote Sensing Technology. Advances in Intelligent and Soft Computing, 2011, , 651-656.	0.2	0
112	On the Control Strategies of Initial Period Rainwater Pollution in Tianjin City. , 2010, , .		3
113	Influence of calcination temperature on TiO <sub>2</sub> nanotubesâ€™ catalysis for TiO <sub>2</sub> /UV/O <sub>3</sub> in landfill leachate solution. Transactions of Tianjin University, 2010, 16, 179-186.	6.4	1
114	Scheduling with job-dependent learning effects and multiple rate-modifying activities. Information Processing Letters, 2010, 110, 460-463.	0.6	61
115	Quantification and comparison of ammonia-oxidizing bacterial communities in MBRs treating various types of wastewater. Bioresource Technology, 2010, 101, 3054-3059.	9.6	44
116	Batch scheduling of simple linear deteriorating jobs on a single machine to minimize makespan. European Journal of Operational Research, 2010, 202, 90-98.	5.7	42
117	Minimizing the makespan in a single machine scheduling problems with flexible and periodic maintenance. Applied Mathematical Modelling, 2010, 34, 334-342.	4.2	102
118	Analysis of vehicle requirements in a general automated guided vehicle system based transportation system. Computers and Industrial Engineering, 2010, 59, 544-551.	6.3	27
119	Scheduling resumable simple linear deteriorating jobs on a single machine with an availability constraint to minimize makespan. Computers and Industrial Engineering, 2010, 59, 794-798.	6.3	19
120	Full-Scale Anoxic-Aerobic SBR System for Simultaneous Nitrogen and Phosphorus Removal from Municipal Wastewater. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
121	The pathway of in-situ ammonium removal from aerated municipal solid waste bioreactor: nitrification/denitrification or air stripping?. Waste Management and Research, 2010, 28, 1057-1064.	3.9	12
122	Notice of Retraction: Powdered activated carbon (PAC) addition for enhancement of aerobically grown microbial granules treating landfill leachate. , 2010, , .		5
123	Notice of Retraction: Optimization on the solubilization of thickened waste activated sludge using uniform design method. , 2010, , .		1
124	Research and Application of Activated Sludge Models. , 2009, , .		0
125	Characteristics and Stability of Aerobic Granules Treating Domestic Sewage. , 2009, , .		1
126	Degradation of Humic Acid by TiO <sub>2</sub> Nonutubes/UV/O <sub>3</sub> . , 2009, , .		0



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127	Apply Quality Function Deployment Method to Manage Logistics Quality. , 2009, , .		0
128	Screening and degradation performances of dominant strains in high-salinity landfill leachate. Applied Microbiology and Biotechnology, 2009, 84, 357-364.	3.6	3
129	Characteristics of aerobic granule and nitrogen and phosphorus removal in a SBR. Journal of Hazardous Materials, 2009, 164, 1223-1227.	12.4	85
130	Population dynamic succession and quantification of ammonia-oxidizing bacteria in a membrane bioreactor treating municipal wastewater. Journal of Hazardous Materials, 2009, 165, 796-803.	12.4	21
131	Parallel-machine scheduling of simple linear deteriorating jobs. Theoretical Computer Science, 2009, 410, 3761-3768.	0.9	52
132	Apply TOPSIS Model to Evaluate Automotive Logistics Performance. , 2009, , .		0
133	An FPTAS for parallel-machine scheduling under a grade of service provision to minimize makespan. Information Processing Letters, 2008, 108, 171-174.	0.6	27
134	Plasma Oxidation of Benzene Using DBD Corona Discharges. Journal of Materials Engineering and Performance, 2008, 17, 428-431.	2.5	6
135	Parallel-machine scheduling with simple linear deterioration to minimize total completion time. European Journal of Operational Research, 2008, 188, 342-347.	5.7	70
136	Influence of Relative Humidity on Non-Thermal Surface Discharge Plasma Processing of Gas-Phase Toluene. , 2008, , .		1
137	Single-machine scheduling with periodic maintenance to minimize makespan. Computers and Operations Research, 2007, 34, 1764-1770.	4.0	153
138	A simple linear time algorithm for scheduling with step-improving processing times. Computers and Operations Research, 2007, 34, 2396-2402.	4.0	3
139	Batch delivery scheduling with batch delivery cost on a single machine. European Journal of Operational Research, 2007, 176, 745-755.	5.7	45
140	An FPTAS for scheduling jobs with piecewise linear decreasing processing times to minimize makespan. Information Processing Letters, 2007, 102, 41-47.	0.6	16
141	Benzene conversion by manganese dioxide assisted silent discharge plasma. Frontiers of Environmental Science and Engineering in China, 2007, 1, 477-481.	0.8	1
142	Scheduling with step-improving processing times. Operations Research Letters, 2006, 34, 37-40.	0.7	7
143	Scheduling linear deteriorating jobs with an availability constraint on a single machine. Theoretical Computer Science, 2006, 362, 115-126.	0.9	77
144	Components of released liquid from ultrasonic waste activated sludge disintegration. Ultrasonics Sonochemistry, 2006, 13, 334-338.	8.2	115

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145	Kinetics of aqueous photocatalytic oxidation of fulvic acids in a photocatalysis-ultrafiltration reactor (PUR). Separation and Purification Technology, 2006, 50, 107-113.	7.9	50
146	A new submerged membrane photocatalysis reactor (SMPR) for fulvic acid removal using a nano-structured photocatalyst. Journal of Hazardous Materials, 2006, 131, 238-242.	12.4	135
147	Mechanisms and kinetics models for ultrasonic waste activated sludge disintegration. Journal of Hazardous Materials, 2005, 123, 145-150.	12.4	175
148	Single machine scheduling with a restricted rate-modifying activity. Naval Research Logistics, 2005, 52, 361-369.	2.2	30
149	A three-phase fluidized bed reactor in the combined anaerobic/aerobic treatment of wastewater. Journal of Chemical Technology and Biotechnology, 1999, 74, 619-626.	3.2	13
150	Mesophilic and Thermophilic Digestion of Thickened Waste Activated Sludge: A Comparative Study. Advanced Materials Research, 0, 113-116, 450-458.	0.3	5
151	Use of Combined NaOH-Microwave Pretreatment for Enhancing Mesophilic Anaerobic Digestibility of Thickened Waste Activated Sludge. Advanced Materials Research, 0, 113-116, 459-468.	0.3	4
152	Semi-Online Machine Covering under a Grade of Service Provision. Applied Mechanics and Materials, 0, 101-102, 484-487.	0.2	0
153	On Control Regulation of Urban Initial Period Rainwater Pollution. Advanced Materials Research, 0, 183-185, 705-709.	0.3	0
154	Enhanced Anaerobic Digestion of Sewage Sludge by Addition of Food Waste. Advanced Materials Research, 0, 777, 139-142.	0.3	0
155	Characteristics of Emitted Odor and Discharged Condensate Water of Sludge Thermal Drying Project in Shenzhen Nanshan Thermal Power Plant. Advanced Materials Research, 0, 777, 127-132.	0.3	4
156	Hydrogen Production from Cornstalk with Different Pretreatment Methods by Anaerobic Fermentation. Advanced Materials Research, 0, 777, 173-177.	0.3	0
157	Evaluation of bromide incorporation into THMs and DHANs from chlorination of algal organic matter. , 0, 80, 306-316.		4
158	Spatial distribution and comprehensive evaluation of emerging organic pollutants in effluents from wastewater treatment plants in northern cities of China. , 0, 156, 20-31.		6
159	Single-machine multitasking scheduling with job efficiency promotion. Journal of Combinatorial Optimization, 0, , 1.	1.3	0